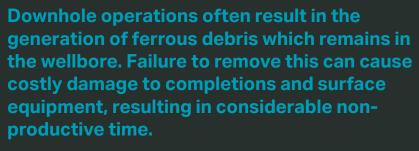


CX-SP Magnet



The CX-SP Magnet is a string magnet which can be run during wellbore clean-up, drilling, fishing, milling and completion operations when the removal of ferrous debris is required.

Each tool has a minimum of 10 magnet strips specially aligned on the body to provide the maximum surface catchment area. The CX-SP Magnet continually captures ferrous materials from well fluids from the moment it passes the rotary table until it is recovered back to surface providing an efficient solution to this costly problem.

BENEFITS

- Easily field redressable for efficiency and maintenance
- Bristles are helically aligned to provide 360°C coverage against the casing ID while maximising fluid bypass
- High strength, temperature resistant magnet strips
- Carrying capacity of 39 kgs
- A full range of sizes are available

APPLICATIONS

- Drilling
- Fishing
- Milling
- Completions





SPECIFICATIONS

3.125" 1.000" 15.0" 3.125" 10	3.750" 1.25" 13.0" 3.125"	4.500" 1.50" 24"	5.250" 2.00" 19.5"		
15.0" 3.125"	13.0"	24"			
3.125" 10			19.5"		
10	3.125"		10.0		
-	İ	3.125"	5.000"		
00.00	10	10	12		
80.0"	80.6"	108.0"	90.5"		
Tool Connection Specifications*					
2%" HT PAC	2%" REG	21/8" HT PAC*	NC38		
8,500	5,425	8,500	11,800		
5,100	3,255	5,100	9,100		
266,300	267,240	266,300	580,000		
150	150	150	150		
60	60	60	120		
5,000	5,000	5,000	40,000		
10,000	10,000	10,000	10,000		
0.785	1.23	1.77	3.14		
5.47 Max.	7.75 Max.	10.43 Max.	16.50 Max.		
	5,100 266,300 150 60 5,000 10,000 0.785	5,100 3,255 266,300 267,240 150 150 60 60 5,000 5,000 10,000 10,000 0.785 1.23	5,100 3,255 5,100 266,300 267,240 266,300 150 150 150 60 60 60 5,000 5,000 5,000 10,000 10,000 10,000 0.785 1.23 1.77		

	9%" SP Magnet	10¾" to 11¾" SP Magnet	13%" SP Magnet		
Magnet Sleeve OD	6.500"	7.500"	10.000"		
Body Minimum ID	3.00"	3.00"	3.00"		
Fishing Neck Length	21.0"	20.5"	19.5"		
Fishing Neck OD	6.500"	7.500"	6.500"		
Number of Magnet Strips	16	16	20		
Tool Overall Length (in)	90.5"	90.5"	92.5"		
Tool Connection Specifications*					
Rig Connection Type	NC50	NC50	NC50		
Torsional Yield Strength (ft/lbs)	51,700	51,700	51,700		
Max. Recommended Make-up Torque (ft/lbs)	27,000	27,000	27,000		
Tensile Strength (lbs)	944,000	944,000	944,000		
Max Run Speed (ft/min)	150	150	150		
Max Rotating Speed (rpm)	120	120	120		
Max Compression when Rotating (lbs)	40,000	40,000	40,000		
Max Pressure Test (psi)	10,000	10,000	10,000		
Internal TFA (in²)	7.07	7.07	7.07		
External TFA (in ²)	29.30 Max.	48.80 Max.	44.50 Max.		
	22.70 Min.	21.66 Min.	36.93 Min.		

 $[\]hbox{*Other connections available on request.}$

